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Search History

Database Details

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S1	(MAP OR MULTIPLE (2W)ANTIGEN?(2W)PROTEIN?)(3ON)(PNEUMO? OR PSAA)	1182	Display
S2	RD (unique items)	619	Display
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2: INSPEC (1969-present)



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Terms	Documents
multiple adj antigen\$ adj protein\$ and pneumo\$	1

Database:

- US Patents Full-Text Database
- US Pre-Grant Publication Full-Text Database
- JPO Abstracts Database
- EPO Abstracts Database
- Derwent World Patents Index
- IBM Technical Disclosure Bulletins

Search:

L7

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Set Name Query

side by side

DB=USPT,PGPB,JPAB,EPAB,DWPI; PLUR=YES; OP=OR

L7 multiple adj antigen\$ adj protein\$ and pneumo\$
L6 multiple adj antigen\$ adj protein\$ same pneumo\$
L5 L1 same surface adj adhesin\$
L4 L1 same srface same adhesin\$
L3 L1 same psaP
L2 L1 same psaA
L1 (MAP or multiple adj antigen\$ adj protein\$) same
pneumo\$

Hit Count Set Name

result set

1 L7
0 L6
0 L5
0 L4
0 L3
0 L2
136 L1

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<input type="checkbox"/> 654:	<u>U.S. Patents Fulltext (1976-present)</u>	29
<input type="checkbox"/> 759:	<u>Reuters Business Insight</u>	1

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3/3,AB/17 (Item 1 from file: 348)

00643400

Epitopic regions of phneumococcal surface protein A.

Title in German: Epitopische Lagen von Pneumokokkenoberflächenprotein A.

Title in French: Sites epitopiques de la proteine A de surface de pneumocoque.

Patent Assignee: UAB RESEARCH FOUNDATION, (978763), P.O. Box 1000,
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AT;BE;CH;DE;DK;ES;FR;GB;GR;IE;IT;LI;LU;MC;NL;PT;SE)

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	Patent Number	Kind	Date
Patent	EP 622081	A2	941102 (Basic)
	EP 622081	A3	951115
Application	EP 94302767		940419
Priority	US 48896		930420

Designated States: AT; BE; CH; DE; DK; ES; FR; GB; GR; IE; IT; LI; LU; MC; NL;
PT; SE

International Patent A61K-039/09; C07K-013/00; C12Q-001/68;

Class:

Abstract EP 622081 A2

A region of the PspA protein of the Rxl strain of protection-eliciting eptiopes which are cross-reactive with PspAs of other *S. pneumoniae* strains. The region comprises the 68 amino acid sequence extending from amino acid residues 192 to 260

of the Rx1 PspA strain.

Abstract Word Count: 46

Language (Publication,Procedural,Application): English; English; English

FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	EPABF2	393
SPEC A	(English)	EPABF2	6203
Total word count	Document A		6596
Total word count	Document B		0
Total word count	Document A + B		6596

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3/3,AB/18 (Item 1 from file: 349)

00901997

NUCLEIC ACIDS AND PROTEINS FROM STREPTOCOCCUS GROUPS A & B
ACIDES NUCLEIQUES ET PROTEINES DERIVES DES GROUPES DE
STREPTOCOQUES A ET B

Patent Applicant/Assignee:

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Patent and Priority Information (Country, Number, Date):

Patent: WO 200234771 A2-A3 20020502 (WO 0234771)

Application: WO 2001GB4789 20011029 (PCT/ WO GB0104789)

Priority Application: GB 200026333 20001027; GB 200028727 20001124; GB 20015640 20010307

Designated States: AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW
(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR
(OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG
(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW
(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 1058437

English Abstract

The invention provides proteins from group B streptococcus (*Streptococcus agalactiae*) and group A streptococcus (*Streptococcus pyogenes*), including amino acid sequences and the corresponding nucleotide sequences. Data are given to show that the proteins are useful antigens for vaccines, immunogenic compositions, and/or diagnostics. The proteins are also targets for antibiotics.

French Abstract

Cette invention se rapporte a des proteines derivees du streptocoque de groupe B (*Streptococcus agalactiae*) et du streptocoque de groupe A (*Streptococcus pyogenes*), y compris des sequences d'acides amines et les sequences de nucleotides correspondantes. On produit des donnees qui montrent que ces proteines constituent des antigenes utiles pour des vaccins, des compositions immunogenes et/ou des

diagnostics. Ces proteines constituent egalement des cibles pour des antibiotiques.

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3/3,AB/21 (Item 1 from file: 377)

00976086 Derwent Accession Number: 2002-17975

Inhibition of pneumococcal carriage in mice by subcutaneous immunization with peptides from the common surface protein pneumococcal surface adhesin A.

Johnson S E; Dykes J K; Jue D L; Sampson J S; Carlone G M; Ades E W
(Atlanta, Ga., USA)

J.Infect.Dis. 185, No. 4, 489-96 , 2002

ABSTRACT:

Three anti-pneumococcal surface adhesin A (PsaA) mAb phage display-expressed mono peptides in various formulations were studied in a mouse nasopharyngeal (NP) carriage model to determine the inhibitory effect of induced Ab on carriage of pneumococcal serotypes 2, 4 or 6B. S.c. immunization with lipidated multiantigenic peptides (MAP), MAP combinations (P43 and P44 or P43, P44, and P45), or polypeptide constructs reduced NP carriage of pneumococcal serotypes 2, 4 or 6B in mice intranasally challenged with Strept. pneumoniae isolates. Data suggest that PsaA peptides demonstrate potential for being important new vaccines against pneumococcal carriage, otitis media, and invasive pneumococcal disease.

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3/3,AB/24 (Item 1 from file: 654)

4803335

Utility

C/ Pneumococcal surface proteins and uses thereof

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Assistant Examiner: Swartz, Rodney P.

Law Firm: Frommer Lawrence & Haug LLP

Combined Principal Attorneys: Frommer, William S.; Kowalski, Thomas

	Publication Number	Kind	Date	Application Number	Filing Date
Main Patent	US 6500613	A	20021231	US 96714741	1996091
CIP	Pending			US 95529055	1995091
Priority				US 96714741	1996091
				US 95529055	1995091

Abstract:

The present invention relates to pneumococcal genes, portions thereof, expression products therefrom and uses of such genes, portions and products; especially to genes of *Streptococcus pneumoniae*, e.g., encoding pneumococcal surface protein A (PspA), i.e., the *pspA* gene encoding pneumococcal surface protein A-like proteins, such as *pspA*-like genes, e.g., the gene encoding pneumococcal surface protein C (PspC), i.e., the *pspC* gene, portions of such genes, expression products therefrom, and the uses of such genes, portions thereof and expression products therefrom.

Document type: C

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